Diffusion and Particles

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| ***Teacher:*** | Ms. Athwal | ***Date:*** | Jan 21 – Jan 24 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):***  4a *Students know* the random motion of molecules and their collisions with a surface create the observable pressure on that surface.  4b *Students know* the random motion of molecules explains the diffusion of gases. | | | | | | | |
| ***Learning Objective (s):***  LT 5.1 – I can explain how pressure is created through the collisions of molecules with a surface.  LT 5.2 – I can discuss how the diffusion of a gas through a space is the result of the random motion of a gas molecule. | | | | | | | |
| ***Essential Question(s):*** What does it take to be successful? | | | | | | | |
| **Assessment**:   * Literacy questions * Environmental proposal * Lab conclusion | | | | | | | |
| ***Do Now***:  Assess homework to exam results correlation data | | | | | | | |

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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Pressure * Diffusion * Gas * The Gas Laws * Why Los Angeles is so polluted |

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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| Reading and annotating “Pollution in Los Angeles” article and answer questions  Notes on pressure, gas, and diffusion |  | Reading and annotating “Pollution in Los Angeles” article and answer questions  Why does the can crush lab |  | Design environmental justice proposal for the city of los angeles |